



The Tettigoniidae (Orthoptera) described by Salvador de Toledo Piza Jr. and deposited in the collection of the University of São Paulo, Escola Superior de Agricultura "Luiz de Queiroz", Brazil

JULIANA CHAMORRO-RENGIFO^{1,3} & HOLGER BRAUN²

¹Doctoral student, Program of Entomology, Universidade Federal de Viçosa. E-mail: julianachamorro@gmail.com

²División Entomología, Museo de La Plata, Argentina. E-mail: braun@fcnym.unlp.edu.ar

³Corresponding author

Abstract

The type specimens of Tettigoniidae described by S. de Toledo Piza were photographed for Orthoptera Species File Online and examined. As a result of this revision several species are moved to different genera and two species to different subfamilies, 20 genera and 10 species are synonymized, one species is resurrected from synonymy, and two new genera are created, each accommodating a unique species described by Piza: *Toledopizia* **gen. nov.** (Conocephalinae: Copiphorini) and *Pizatettix* **gen. nov.** (Pseudophyllinae: Platyphyllini). In total there are 32 new combinations of species names. The paper includes a checklist and explanations for all nomenclatural changes.

Key words: checklist, nomenclatural changes, OSF, South America, synonymy, type material, Conocephalinae, Listroscolidinae, Meconematinae, Phaneropterinae, Pseudophyllinae, Tettigoniinae

Resumen

El material tipo de Tettigoniidae descrito por S. de Toledo Piza fue fotografiado para Orthoptera Species File Online y examinado. Como resultado de la revisión, varias especies fueron reubicadas en géneros diferentes y dos especies en subfamilias diferentes, 20 géneros y 10 especies son sinonimizadas, y una especie es reestablecida como válida desde su estatus de sinónimo y se describen dos géneros nuevos, cada uno con una única especie descrita por Piza: *Toledopizia* **gen. nov.** (Conocephalinae: Copiphorini) y *Pizatettix* **gen. nov.** (Pseudophyllinae: Platyphyllini). En total se presentan 32 nuevas combinaciones de nombres de especie. Se incluye una lista de chequeo detallada y las explicaciones de todos los cambios nomenclaturales.

Palabras clave: cambios nomenclaturales, lista de especies, material tipo, OSF, sinonimia, Conocephalinae, Listroscolidinae, Meconematinae, Phaneropterinae, Pseudophyllinae, Tettigoniinae

Introduction

The Brazilian entomologist Salvador de Toledo Piza Júnior (1898–1988) worked in earlier years on arachnids (especially Opiliones and Scorpiones) and subsequently dedicated himself to insects, including Lepidoptera, Hemiptera, Mantodea, Phasmatodea, and particularly Orthoptera. In this latter order he described numerous new species of Tettigonioidea, Grylloidea, Acridoidea and Eumastacoidea. Most of these species belong to the family Tettigoniidae. Between 1950 and 1984 he described 192 species of katydids (at the time of writing this revision including 12 junior synonyms and excluding a homonym renamed by himself), 178 of them collected in Brazil, which represent approximately a third of all tettigoniids described from that country. Probably all the type specimens were deposited in the collection of the Escola Superior de Agricultura "Luiz de Queiroz" (ESALQ) in Piracicaba (state of São Paulo, Brazil), where he worked for the major part of his life, and many